



03-02-01

04C0

01-10-01

Patent
257/118

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Shila JALALI et al.

Serial No.: 09/724,909

Filed: November 28, 2000

For: MICROSTRUCTURE APPARATUS
AND METHOD FOR SEPARATING
DIFFERENTLY CHARGED MOLECULES
USING AN APPLIED ELECTRIC FIELD

Group Art Unit: Not yet assigned

Examiner: Not yet assigned

#3
C-7.
11/18/01

INFORMATION DISCLOSURE STATEMENT

Box Non-Fee
Commissioner for Patents
Washington, D.C. 20231

Sir:

Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §§1.97-1.98, information relating to the above-identified application is hereby disclosed. The accompanying Form PTO-1449 provides a listing of documents that may be relevant to the subject application.

It is requested that the Examiner fully consider the art cited in the accompanying Form 1449, initial the left-most column of the form adjacent each cited reference, and return a copy for

OC-74794.1

CERTIFICATE OF MAILING
(37 C.F.R. §1.10)

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as 'Express Mail Post Office To Addressee' in an envelope addressed to the Commissioner for Patents, Washington, D.C. 20231.

EL476730133US
Express Mail Label No.

February 28, 2001
Date of Deposit

Lynne Fulmer

Name of Person Mailing Paper

Lynne Fulmer

Signature of Person Mailing Paper

Applicants' records. It is further requested that the art be cited on the cover of any patent issuing from the subject application.

In accordance with §1.97(d), this Information Disclosure Statement is being filed before the mailing of a first Office Action on the merits of the above-identified application, and therefore no fee is required. If a first Office Action has been mailed, then please enter this Information Disclosure Statement and charge Lyon & Lyon's Deposit Account No. 12-2475 for any necessary fees.


This statement should not be construed as a representation that more material information does not exist or that an exhaustive search of the relevant art has been made. Nor does this statement constitute an admission by Applicants or Applicants' agent that the information provided herein is necessarily prior art to Applicants' invention. Moreover, Applicants reserve the right to establish the patentability of the claimed invention over any of the listed documents should they be applied there-against as references.

Respectfully submitted,

LYON & LYON LLP

Dated: February 28, 2001

By:

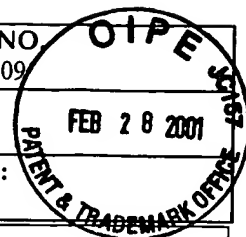

Patrick S. Eagleman
Reg. No. 44,665

PSE/ktl

633 West Fifth Street, Suite 4700
Los Angeles, California 90071-2066
(949) 567-2300

Enclosures: 36 Prior Art References

FORM PTO-1449 LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. Docket NO. 257/118	SERIAL NO. 09/724,909
APPLICANT: Jalali et al.		
FILING DATE: 11/28/2000		GROUP:



U.S. PATENT DOCUMENTS

EXAMINE R INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
	AA	5,376,252	12/1994	Ekstrom	204	299 R	11/1992
	AB	5,580,747	12/1996	Shultz	435	24	01/1994
	AC	5,858,188	01/1999	Soane	204	454	04/1996
	AD	5,904,824	05/1999	Oh	204	601	03/1997
	AE	5,932,315	08/1999	Lum	428	172	04/1997
	AF	5,942,443	08/1999	Parce	436	514	06/1996
	AG	5,948,227	09/1999	Dubrow	204	455	12/1997
	AH	5,957,579	09/1999	Kopf-Sill	366	340	09/1998
	AI	5,958,202	09/1999	Regnier	204	451	01/1997
	AJ	5,965,001	10/1999	Chow	204	600	07/1997
	AK	5,976,336	11/1999	Dubrow	204	453	04/1997
	AL	6,046,056	04/2000	Parce	436	514	12/1996
	AM	6,068,752	05/2000	Dubrow	204	604	08/1999
	AN	6,074,827	06/2000	Nelson	435	6	02/1998
	AO	6,093,296	01/2000	Soane	204	451	11/1997
	AP	6,103,199	08/2000	Bjornson	422	100	09/1998
	AQ	6,103,537	08/2000	Ullman	436	526	09/1998

FOREIGN PATENT DOCUMENTS

EXAMINE R INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
	AR	WO00/50871	08/2000	PCT				
	AS	WO98/45693	10/1998	PCT				
	AT	WO98/45693	10/1998	PCT				
	AU	WO99/15876	04/1999	PCT				
	AV	WO99/15888	04/1999	PCT				
	AW	WO99/19717	04/1999	PCT				
	AX	WO99/40174	08/1999	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

AY	Anderson et al., Fabrication of Topologically Complex Three-Dimensional Microfluidic Systems in PDMS by Rapid Prototyping", <u>Analytical Chemistry</u> , 72: 3158-3164 (2000)
AZ	Cohen et al., "A Microchip-Based Enzyme Assay for Protein Kinase A", <u>Analytical Biochemistry</u> , 273: 89-97 (1999)
BA	Deng et al., "Prototyping of Masks, Masters, and Stamps/Molds for Soft Lithography Using an Office Printer and Photographic Reduction", <u>Analytical Chemistry</u> , 72: 3176-3180 (2000)
BB	Duffy et al., "Rapid Prototyping of Microfluidic Systems in Poly(dimethylsiloxane)", <u>Analytical Chemistry</u> , 70: 4974-4984 (1998)

EXAMINER: To be assigned	DATE CONSIDERED:
EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant	

FORM PTO-1449		ATTY. D. NO. 257/118	SERIAL NO. 09/724,909
LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANT: Jalali et al.	
		FILING DATE: 11/28/2000	GROUP:
BC	Folch et al., "Molding of Deep Polydimethylsiloxane Microstructures for Microfluidics and Biological Applications", <u>Journal of Biomechanical Engineering</u> , 121: 28-34 (1999)		
BD	Ford et al., "Micromachining in Plastics Using X-Ray Lithography for the Fabrication of Micro-Electrophoresis Devices", <u>Journal of Biomechanical Engineering</u> , 121: 13-21 (1999)		
BE	Jackman et al., "Design and Fabrication of Topologically Complex, Three-Dimensional Microstructures", <u>Science</u> , 280: 2089-2091 (1998)		
BF	Martin et al., "Dual-Electrode Electrochemical Detection for Poly(dimethylsiloxane)-Fabricated Capillary Electrophoresis Microchips", <u>Analytical Chemistry</u> , 72: 3196-3202 (2000)		
BG	Pang et al., "DNA Sequencing Using 96-Capillary Array Electrophoresis", <u>Journal of Biochemical and Biophysical Methods</u> , 41: 121-132 (1999)		
BH	Shi et al., "Radial Capillary Array Electrophoresis Microplate and Scanner for High-Performance Nucleic Acid Analysis", <u>Analytical Chemistry</u> , 71: 5354-5361 (1999)		
BI	Simpson et al., "High-throughput Genetic Analysis Using Microfabricated 96-Sample Capillary Array Electrophoresis Microplates", <u>Proc. Natl. Acad. Sci. USA</u> , 95: 2256-2261 (1998)		
BJ	Wu et al., "Analysis of Src Kinase and Protein Kinase C Activity by Capillary Electrophoresis and Laser-Induced Fluorescence", <u>Analytical Biochemistry</u> , 269: 423-425 (1999)		



EXAMINER: To be assigned	DATE CONSIDERED:
EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant	